2006-08 ENGINE

Ignition System - Civic GX

COMPONENT LOCATION INDEX

NOTE: Refer to the IGNITION SYSTEM (R18A1) article for additional information that is not shown in this article.

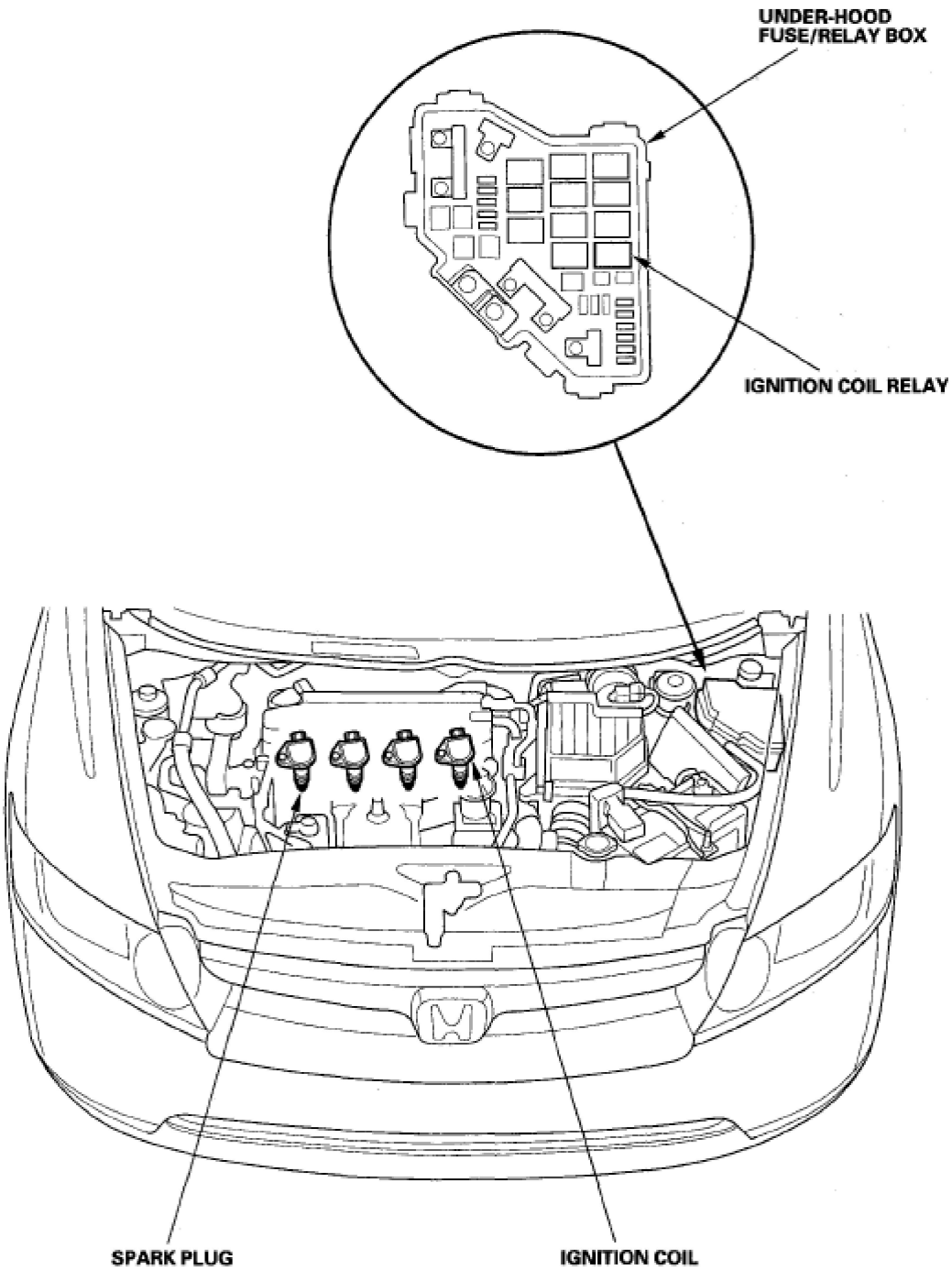

Fig. 1: Identifying Ignition System Component Location

SPARK PLUG INSPECTION

1. Remove the spark plugs and inspect the electrodes and ceramic insulator.
    - Burned or worn electrodes may be caused by:
        - Advanced ignition timing
        - Loose spark plug
        - Plug heat range too hot
        - Insufficient cooling
    - Fouled plugs may be caused by:
        - Retarded ignition timing
        - Oil in combustion chamber
        - Incorrect spark plug gap
        - Plug heat range too cold
        - Excessive idling/low speed running
        - Clogged air cleaner element
        - Deteriorated ignition coils

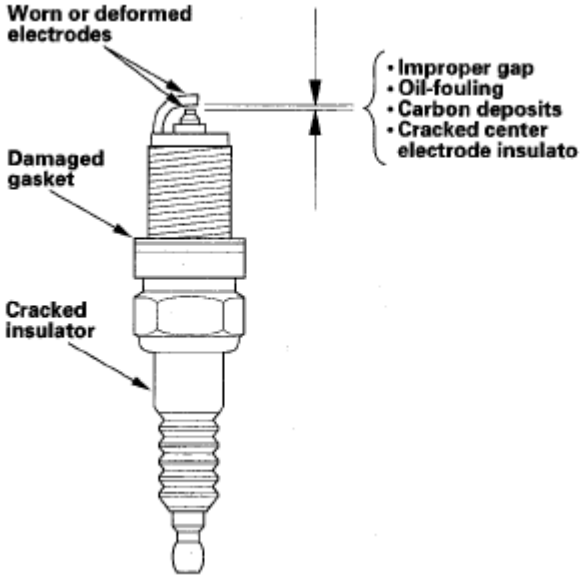

Fig. 2: Identifying Spark Plug Gap

2. If the spark plug electrode is dirty or contaminated, clean the electrode with a plug cleaner.

NOTE:

- **Do not use a wire brush or scrape the iridium electrode since this will damage the electrode.**
- **When using a sand blaster spark plug cleaner, do not clean for more than 20 seconds to avoid damaging the electrode.**

3. Replace the spark plug if the gap is out of specification.

NOTE: Do not adjust the gap of iridium tip plugs.

Electrode Gap

Standard (New): 0.7-0.8 mm (0.028-0.031 in.)

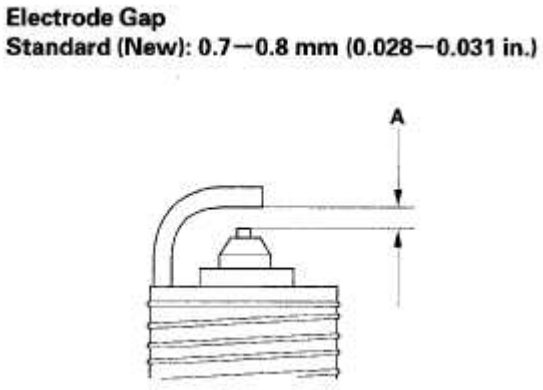

Fig. 3: Identifying Electrode Gap

4. Replace the plug at the specified interval, or if the center electrode is rounded (A). Use only the spark plugs as listed.

Spark Plugs IFR7F8DS

Spark Plugs
IFR7F8DS

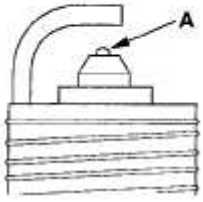

Fig. 4: Identifying Spark Plugs Gap

5. Apply a small amount of anti-seize compound to the plug threads, and screw the plugs into the cylinder head, finger-tight. Torque them to 25 N.m (2.5 kgf.m, 18 Ibf.ft).